

## **Antibacterial flexible material containing nm silver and its preparing process and application**

Patent Number: CN1306117  
Publication date: 2001-08-01  
Inventor(s): CHEN WEN (CN)  
Applicant(s): XIKE GROUP CO LTD NANJING CITY (CN)  
Requested Patent: CN1306117  
Application Number: CN20010102268 20010120  
Priority Number(s): CN20010102268 20010120  
IPC Classification: D06M11/58; A61L31/12  
EC Classification:  
Equivalents:

---

### **Abstract**

---

An antibacterial flexible nm silver material features that the superfine particles, which has silver core, surface layer of silve oxide and diameter of 1-900 nm, are attached between basic units or to the basic units of flexible material. Said flexible material can be used for daily life or medical purpose, such as preventing and treating skin infection.

---

Data supplied from the esp@cenet database - I2